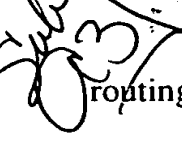


## ABSTRACT

*Sub*  A method for routing test comprises the steps of: checking a test mode of the routing test by receiving the test mode by a user; recalling a stored virtual network or editing the virtual network, when the routing test is performed by using a virtual network defined by the user; generating new virtual networks recursively based on respective information, when the routing test is performed by using a virtual network generated by a virtual network generator included in a routing test system; operating a target protocol of a virtual router and a router under test of the virtual network; and transmitting a packet considering a portion of the virtual network as a destination address through the router under test, and monitoring links of the router under test. A routing test system according to the present invention generates various network topologies as much as user wants through a network generator, and performs a routing test after transmitting information to make a target router verify the generated topologies. Thus, the target router can correct routing calculation for the respective network topologies.

"Express Mail" mailing label number EL149977654US

Date of Deposit January 2, 2001

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